DustMate®

CENTRAL VACUUM ACCESSORIES

ASP1 & ASP2
Defender ElectroKit

USER GUIDE

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions before using the Electric Powerhead.

When using this electrical appliance, basic precautions should always be followed, including the following:

WARNING

Electric shock could occur if used outdoors or on wet surfaces.

1) Unplug and disconnect power before servicing.

2) Always turn off this appliance before connecting or disconnecting either hose or motorized nozzle.

3) Do not vacuum up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

4) Do not pick up flammable or combustible liquids such as gasoline or use it in areas where they may be present.

5) Use only as described in this manual. Use only manufacturers recommended attachments.

6) Do not unplug by pulling on cord. To unplug, grasp plug, not the cord.

7) Do not handle system or appliances with wet hands.

8) Turn off all controls before uplugging.

9) Do not use with damaged cord or plug.

9) Do not allow to be used as a toy. Pay close attention when used by or near small children.

10) The hose contains electrical wires. Do not use if damaged, cut, or punctured. Avoid picking up sharp objects.

11) Do not put any object into openings.

12) Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.

13) Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.

14) Do not leave vacuum or brush when plugged in. Unplug from outlet when not in use and before servicing.

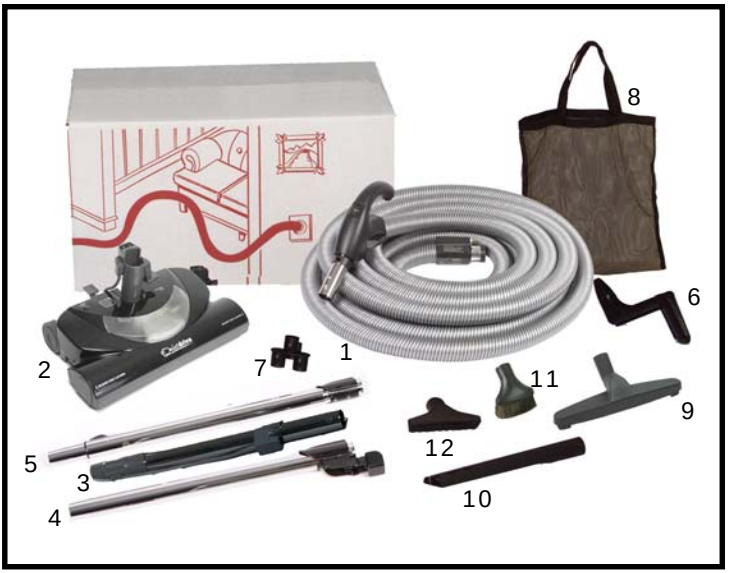
15) If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to your distributor.

16) Use extra care when cleaning on stairs.

SAVE THESE INSTRUCTIONS

INTENDED FOR HOUSEHOLD USE ONLY

ASP1 & ASP2
DustMate® Defender ElectroKit



***Individual tools may vary and are subject to change at any time.**

Tool Kit Includes:

Accessories

1. (SFH-630) Slimfit Style 4-Wire Swivel Electric Crush-Proof Hose **
2. (EB-250AT) 14" Defender Electric Power Brush
3. (BW240) Lower Wand
4. (W-535) Top Wand
5. (W-419H) Chrome Telescopic Ratchet Wand
6. (H-431) Plastic Hose Hanger
7. (CT3BL) Clip-On Tool Caddy
8. (CB-180) Mesh Tool Caddy Bag

****ASP1**-Direct Plug-In;
ASP2-6ft. Pigtail Cord

Cleaning Attachments & Tools

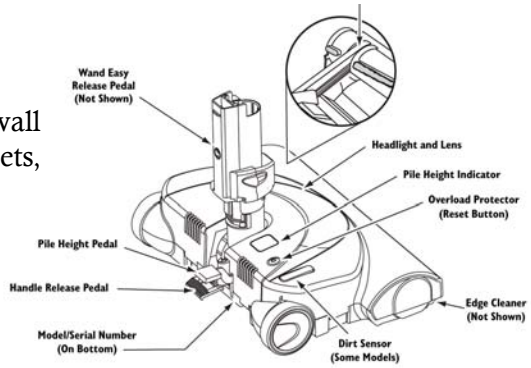
9. (FB-215BLK) 12" Floor Tool
10. (CT-630BLK) Premium Crevice Tool
11. (DB-630BLK) Premium Dusting Brush
12. (UT-630BBLK) Premium Upholstery Tool with Brush

The following Central Vacuum units when used in conjunction with the listed electric floor brushes, have been tested and approved by the Carpet and Rug Institute for use on carpet. The list of approved ***Vacu-Maid/ Silent Partner*** models are; S-3240, S-3200, S-2600, S-2000, S-1600, S-1200, P-350P, P-325, P-225, P-215, P-125P, and P-110. The list of approved ***Astro-Vac*** Models are; SL-2940, SL-2340, SR-89, SR-88, SR-50, SR-40, SR-40V and SR-36. The approved electric floor brushes are; EB-180 *Super Groom*, EB-210 *Super Groom II*, EB-240 ***Vacu-Maid*** and the EB-260 ***Vacu-Maid***, which have been approved for use on carpeting when used in conjunction with the aforementioned ***Vacu-Maid/Silent Partner*** and ***Astro-Vac*** central vacuum units.

EB-250AT
14" Electric Brush

Use this powerbrush to vacuum wall to wall carpeting, handmade carpets, fine rugs, and other flooring.

This powerbrush must be used with the top and lower wands.

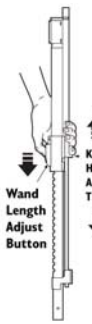


Features include:

- Quietdrive™ V-Belt--Multi-grooved reinforced belt for continuous contact and efficient transfer of power to the brush.
- Quick Wand Release--for an easy switch from carpet to hard floor, edge cleaning, or above floor cleaning.

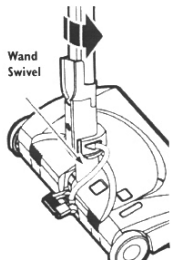
- 4-level height adjustment--adjusts to match surface being cleaned.
- Soft Bumper--wraps around brush to protect baseboards and furniture.
- Slim-line profile--for ease of cleaning under furniture.
- Headlight-- for lighting your cleaning path
- Active Brush Edge Cleaner-- guide either side of the brush along baseboards or next to furniture to help remove dirt trapped at carpet edges.

REMEMBER: As with all electric appliances, risk of shock is possible. Do not remove brush, pull wands out, or attempt maintenance while power is on.



Telescoping Wand

The wand length is adjustable and requires no assembly. To adjust, simply push down on the wand adjust button and slide the upper wand to the desired height.

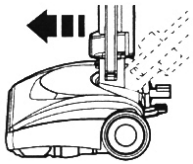


The swivel, located on the powerbrush allows you to turn the handle to the left side to reach further under low furniture.

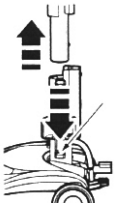
When raising the wand you may have to hold the powerbrush with your hand or foot.

Electric Brush Assembly and Use

Wand Insertion and Release



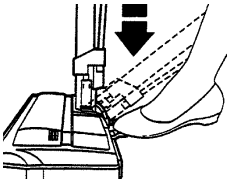
To Insert: Insert wand into electric brush until the wand button snaps into place.



To Remove: Lock wands in straight-up position. Then, step on the "Wand Quick Release" pedal with foot. Now, pull up on wand.

WARNING

DO NOT attach or remove handle or wands while cleaner is ON. This could cause sparking and damage the electrical contacts.



To Start:

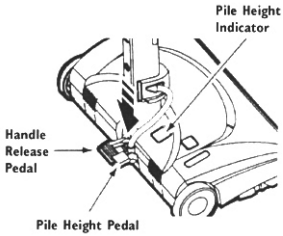
1. To lower wand, press on the large pedal marked "Handle Release".
2. Start vacuum and electric brush.

To Correct & Reset Overload Protector

The overload protector protects the motor from brush jamming and belt breakage. If the agitator slows down or stops, the overload protector shuts the brush off.

To correct problem: Unplug electrical cord. Check brush area for excessive lint buildup or jamming.

To reset: Press the reset button on top of the brush. Plug in and turn on vacuum and brush.



To Change Pile Setting:

Select a pile height setting by using the pile height lever on the electric brush. The pile height setting is shown on the control. The deeper the pile of the carpet, the higher the setting.

Suggested Pile Height Settings: For best deep down cleaning, use the XLO setting. However, you may need to raise the height to make some jobs easier.

As a general guide: XLO-most carpet heights, LO-short to medium pile, MED-medium to long pile, HI-long pile.

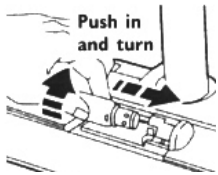
Electric Brush Care

WARNING

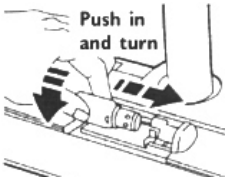
Electric Shock or Personal Injury Hazard
Disconnect electrical supply before servicing or cleaning the unit. Failure to do so could result in electrical shock or personal injury from cleaner suddenly starting.

Always follow all safety precautions when cleaning and servicing the electric brush.

LIGHT BULB CHANGING
Electric Brush:



1. Remove the electric brush cover as shown in BELT CHANGING & AGITATOR CLEANING section.
2. Push in and turn bulb counterclockwise, then pull out to remove.

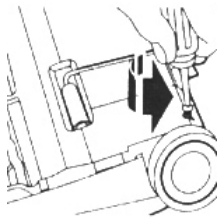


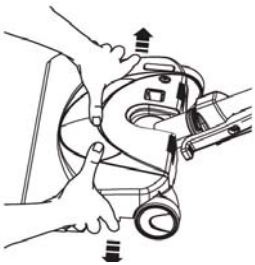
3. Push in and turn the bulb clockwise to replace. Bulb must not be higher than 130 volts/15 watts.
Note: replacement bulb number is EB26028.
4. Reinstall the electric brush cover as shown in BELT CHANGING & AGITATOR CLEANING section

BELT CHANGING AND AGITATOR CLEANING
Electric Brush Model:

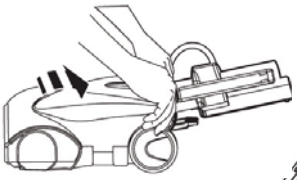
Disconnect hose and brush from electrical outlet. Frequently check and remove hair, string and lint buildup in brush area. If buildup becomes excessive, disconnect the brush from wand and follow steps below.

To Remove Belt:
1. Turn the electric brush upside down.
2. Unscrew the brush cover screws.

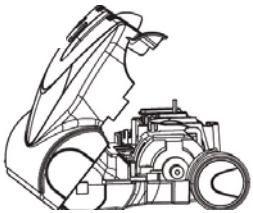




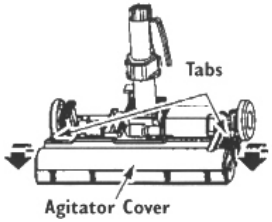
3. Turn brush over right side up. Press handle release pedal and lower the swivel. To remove cover, grasp the sides and pull out to release the outside cover.

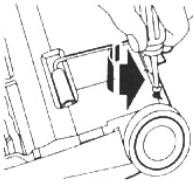


4. Lift rear latches up and tilt cover forward from back until front snaps free.



5. Depress tabs on rear of agitator cover and rotate forward to release from the electric brush base.

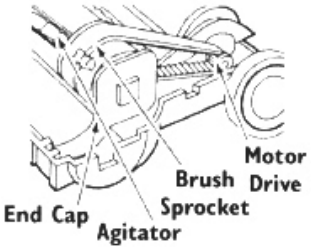


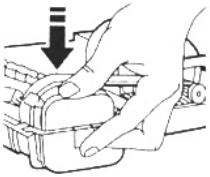


6. Lift agitator assembly out and remove worn belt.

To Replace Belt:

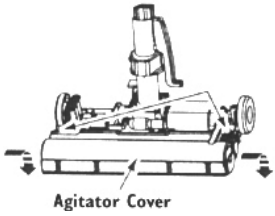
1. Install new belt over motor drive, then over brush sprocket. **NOTE:** belt replacement number for is EB29010.

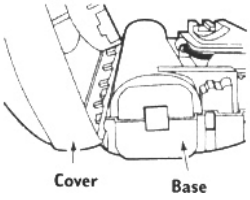




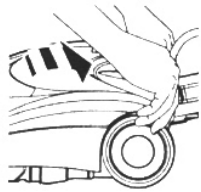
2. Replace agitator assembly back into the electric brush.

3. Reinstall agitator cover by lining up the front tabs and slots and rotating downward until the latches snap into place.





4. Line up front of cover and base. Rest cover on front edge of base as shown.



5. Tilt cover to back. Press cover firmly until side and rear tabs snap into place. Turn the electric brush upside down and replace the 2 cover screws.

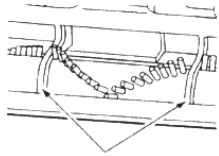
WARNING

Electric Shock or Personal Injury Hazard

Disconnect electrical supply before servicing or cleaning the unit. Failure to do so could result in electrical shock or personal injury from cleaner suddenly starting.

To Check Agitator Assembly:

When brushes are worn to the level of the base support bars, replace the agitator assembly.



AGITATOR SERVICING:

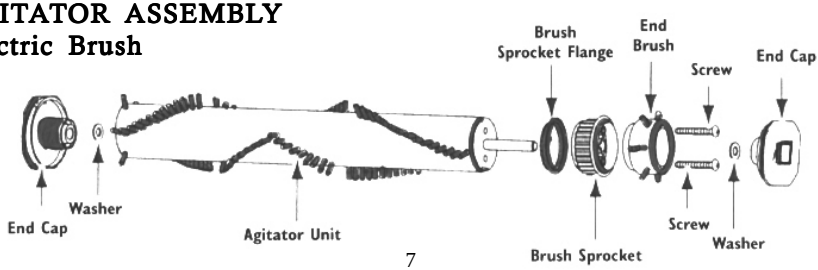
1. Remove the electric brush cover, agitator cover, belt and agitator assembly. See "To Remove Belt" in BELT CHANGING AND AGITATOR CLEANING.

2. Remove end caps, washers, screws, end brush, and sprocket pieces from ends of old agitator assembly.

3. Reassemble agitator assembly. To line up screw holes in dowel, sprocket and end brush, be sure all of the brush sprocket pieces align properly. See AGITATOR ASSEMBLY.

4. Reinstall belt, agitator assembly, agitator cover, and electric brush cover. See "To Replace Belt" in BELT CHANGING AND AGITATOR CLEANING.

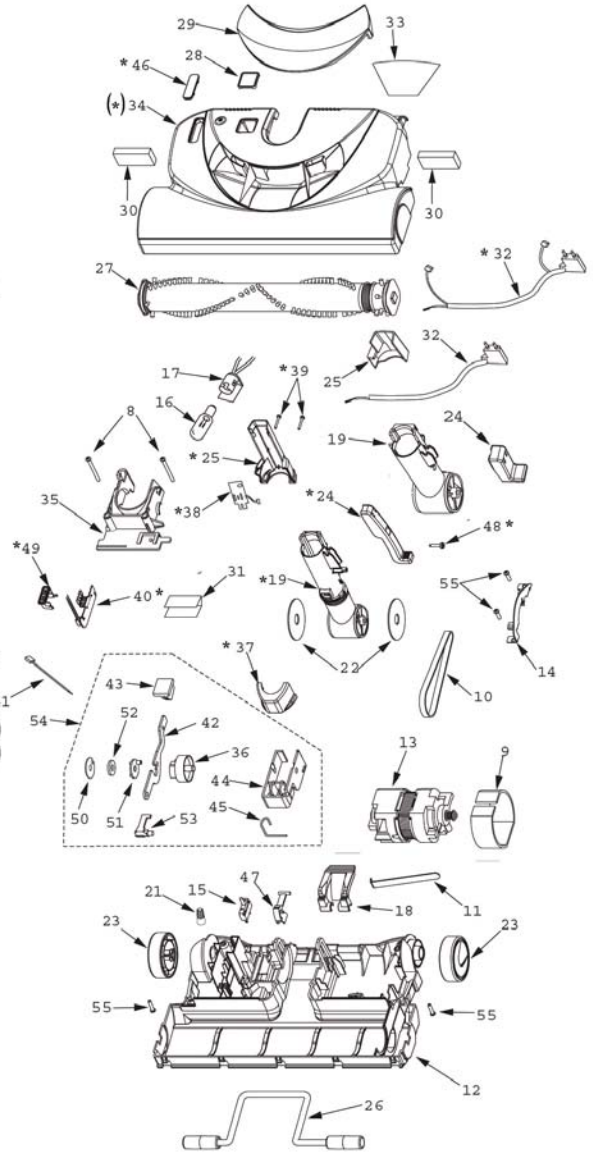
AGITATOR ASSEMBLY
Electric Brush



EB250AT Electric Brush

Numbers with * applies only to (Dirt Sensor) parts.

Diagram #	Stock #	Description
8	EB27008	SCREW
9	EB27009	MOTOR GASKET
10	EB29010	BELT
11	EB24011	MOTOR SPRING
12	EB29012	LOWER PLATE
13	EB29013	MOTOR
14	EB24014	MOTOR BRIDGE
15	EB29015	OVERLOAD PROTECTOR
16	EB21016	LIGHT BULB
17	EB29017	BULB SOCKET
18	EB24018	HANDLE RELEASE PEDAL
19	EB24019	SWIVEL
*19	EB30019	SWIVEL
21	EB27021	WIRE CONNECTOR
22	EB24022	SWIVEL SEAL
23	EB29023	WHEEL
24	EB24024	PEDAL EASY RELEASE
*24	EB30024	PEDAL EASY RELEASE
25	EB24025	REAR COVER
*25	EB30025	REAR COVER
26	EB24026	FRONT AXLE ASSEMBLY
27	EB29027	AGITATOR UNIT
28	EB27028	INDICATOR WINDOW
29	EB29029	LIGHT LENS
30	EB27030	EXHAUST FOAM
31	EB29031	WINDOW REFLECTOR
32	EB24032	CORD & PLUG ASSEMBLY
*32	EB30032	LEAD WIRE UNIT
33	EB29033	REFLECTOR NOZZLE
34	EB29034	NOZZLE HOUSING (DECO)
*34	EB31034	NOZZLE HOUSING (DECO)
35	EB27035	SWIVEL CAP
36	EB27036	CAM INDICATOR
*37	EB30037	FRONT COVER
*38	EB30038	PCB "B" UNIT
*39	EB30039	SCREW
*40	EB31040	PCB DIRT SENSOR
41	EB29041	LEAD WIRE
42	EB24042	INDICATOR LEVER
43	EB24043	PAD FOOT PEDAL
44	EB24044	INDICATOR BLOCK
45	EB24045	SPRING ASSIST
*46	EB30046	WINDOW DIRT SENSOR
47	EB24047	LIFTER
*48	EB30048	SCREW
*49	EB31049	PCB SUPPORTER
50	EB27050	THRUST WASHER
51	EB27051	CATCH INDEXING
52	EB27052	WASHER
53	EB27053	RATCHET CATCH
54	EB27054	INDICATOR BLOCK ASSEMBLY
	EB27055	SCREW



SFH-630
"Slimfit" Style
4-Wire Swivel Electric
Crush-Proof Hose*

The "slimfit" style handle has 360° rotation to minimize kinks, effort, and in-hand weight.
For use with the electric brush.

Three-Position Switch:
Allows vacuum to be controlled from the handle.
- Vacuum off, Brush off
- Vacuum on, Brush off
- Vacuum on, Brush on

Hose Handling: Hold the hose and handle in any way you find to be the most comfortable. With this new style handle, numerous hand positions are offered and reduce strain and increase ease of use.

Also, for added ease while vacuuming, try keeping the hose behind you rather than out in front of you. Use one hand to hold the handle and the other hand to hold and guide the hose. Again, do what feels comfortable to you.

IMPORTANT: Make sure power is turned off before removing the hose and handle from the wand. Arcing or damage to the electrical contacts can occur if the wand is removed while brush power is on.

***ASP1-Direct connect wall-end**--Must be used with an electric inlet valve such as the Electravalve.
To insert hose cuff into valve: Lift valve door, insert cuff into hole.

***ASP2-Pigtail cord wall-end**--Use with standard pin-jack valve.
To insert hose cuff into valve: Lift valve door, insert cuff into hole, & plug cord into 110 electrical outlet.

WANDS

1. **(W-535) Top Wand**

- Connects to lower wand when operating the floor brush
- Cord management--keeps cords out of the way and allows you to disengage the hose handle from the electric brush

2. **(BW-240) Lower Wand**

- Swivel Wand Connector--allows wand to rotate 90° along with wrist movement to provide ease of vacuuming and to prevent strain

3. **(W-419H) Chrome Telescopic Wand**

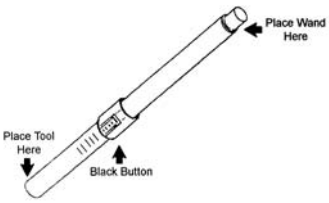
- Extension wand--can be adjusted to necessary height to lessen back strain and can be extended to reach high areas
- Extends from 23-1/2" to 39" in 3/4" increments
- Hole in the top, friction fit on the bottom

IMPORTANT: Do NOT remove wands while power is on.

Telescopic Wand Operating Instructions

To extend wand: Push the black button in the direction of the arrow and hold in place. This releases the ratchet and allows the inner wand to be extended. The wand can be locked into the desired length by releasing the button at any of the notches. To retract the wand, hold down on the black button and push the wand back into the outer wand.

Attaching tools or hose handle to the wand: The straight, outer wand is designed to fit into your hose handle. Insert the wand into the handle. The notched inner wand is designed to fit into your cleaning tools. A 1/4 turn ensures a good fit. To remove the wand, give a 1/4 turn in the opposite direction and pull the cleaning tool or handle from the wand.



CLEANING ATTACHMENTS & TOOLS*

To Attach Tools for Use: Simply slide the tool onto end of the telescopic ratchet wand or directly onto stub tube of the hose.
*Tools are to be used with telescopic ratchet wand or handle on hose. Do NOT use with top or lower electric brush wands.

FB-215BLK
12" Floor Brush with Wheels

- Works well to clean bare floors, wood flooring, tile, etc.
- Shorter bristles in front, longer in back--allows larger dirt particles to be picked up with forward movement.**

**For best results, do not force the front of the brush down when moving forward. Allow the brush to gently glide across the floor. The front of the brush should allow particles to enter through the raised bristles.

CT-630BLK
Premium Crevice Tool

- 13" tool to reach into cracks and crevices such as tracks of sliding glass doors, corners, along baseboards, and even in the cracks of couches and other furniture.
- Notched end and slotted side vents help maintain air flow and proper suction.
- This tool has a flat side which makes it great for reaching under refrigerators, around air conditioner coils, and other hard to reach places that collect a lot of dust and dirt.

DB-630BLK
Premium Dusting Brush

- Use for dusting furnishings such as bookcases, tables, desks, and mantles.
- Also great for dusting picture frames, collectibles, tops of televisions, window sills, and even the backs of computer monitors.
- Molded, soft vinyl construction--less abrasive on delicate furnishings and prevents wall markings.
- Full, natural bristles for gentle cleaning.

UT-630BBLK
Premium Upholstery Tool with Brush

- Cleans upholstered furniture, drapes, mattresses,and even works well on vehicle upholstery and carpets.
- Continuous airflow is critical to cleaning results. This tool is designed to prevent airflow from being cut off.
- The brush strip gently engages upholstery to lift debris and groom surfaces being cleaned.

CT-3BL
Tool Caddy

- Adds portable convenience by allowing multiple tools to be carried on the wand for quicker and easier access.
- **To attach:** Snap caddy onto wand at an angle (beveled side first), then slip attachments and tools onto caddy pegs. When clipping it onto wand, attach it so that the two-peg side faces up, while the single-peg side faces down the wand. This will keep your tools on better.

CB-180
Mesh Tool Caddy Bag

- Holds accessories and tools making them more manageable.
- For storing and transporting tools & accessories

H-431
Plastic Hose Hanger

- Use of hanger can increase the life of your hose and save space while storing.
- Coil your hose around this hanger to store it when not in use.
- Mount on a wall in a closet, garage, or any other convenient location for hose storage, and place it high enough so you can loop your hose only four times and still clear the floor.
- Mounts using only one stud and two screws.

OTHER PRODUCTS AVAILABLE FROM LINDSAY MANUFACTURING, INC.

A variety of accessories and tools are available to complement your ASP kit.** Below are just a few of the options available.

Ceiling Fan Brush Kit

For the one place we all forget to clean, but know that we should, we offer the Ceiling Fan Brush Kit. This kit helps you reach the tops of your fan blades and ensures that you get rid of all of the dust build-up. With its unique design and powerful suction, it eliminates dust from scattering below.

(CT-5)

Pet Grooming Tool

This pet tool's soft rubber bristles are great for comfortably removing previously shed hair from a pet's coat.

(PT-530)

Hand Held Air Turbine with Crevice Tool

This accessory can be used on stairs, in vehicles, or on upholstery. The fold out crevice tool can be used to reach into cracks and crevices or folded back when not needed. This tool has an open face which allows the vacuum to clean the corners on the risers of stairs allowing for a more complete clean.

(PB-255)

Mini-Vacuum Attachment Kit

This mini kit is perfect for cleaning small, delicate objects, computers, and keyboards.

(CT-6)

**Do NOT use these accessories with the top and lower electric powerbrush wands. They are to be used with the hose or telescopic ratchet wand.

Wet Pick-Up*

This unit allows the powerful built-in central vacuum system to pick up liquid and wet debris, but prevents it from entering the vacuum tubing and dirt canister. It can be used to unclog drains, clean up spills and overflows, and even suck out the leftover water when draining hot tubs. Capacity=Approx. 4 gallons.
(WP-312MA)

*Wet Pick-Up Unit comes with bucket, cart, 5' x 1-1/4" hose and 2 cuffs.

(Additional 30' standard hose should also be purchased. Do NOT use SFH-630 or any other high or low voltage hose with this product.)

Vibrating Upholstery Tool

This tool vibrates the surface being cleaned to loosen dust and dirt allowing you to get a more deep down clean. **(UT-501)**

For more details on these or any other Lindsay products, contact your local Vacu-Maid® or Astro-Vac® dealer or visit our websites at **www.vacumaid.com** and **www.astrovac.com**.

CARING FOR YOUR CARPET

"Proper maintenance will extend the time you can enjoy your carpet and help keep its fresh appearance. Vacuum regularly, remove spills promptly, and extraction clean periodically...

Use a strong, well functioning vacuum cleaner with a powerful airflow, adjustable brushes, and an enclosed, high-efficiency filtration bag. It is best to purchase a vacuum cleaner that bears the ***CRI Indoor Air Quality Testing Program label***, assuring that the cleaner will remove soil well, contain the dust within the machine, and protect the carpet's appearance."

--The Carpet & Rug Institute (CRI)

For more information on caring for your carpet, please visit the CRI website at **www.carpet-rug.com**

www.lindsaymfg.com

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